

**ABSTRACT OF THE DISCLOSURE**

A robot arm 3 includes a base-side arm component **11**, an intermediate arm component **12**, and a tip-side arm component **13**. The intermediate arm component **12** is divided at an axially intermediate position into a base-side part **20** and a tip-side part **21**,  
5 which are connected so as not to be separated from each other in the arm axis direction but rotatable around the arm axis. The base-side part **20** fixedly contains a moving device **31** for axially moving a drive shaft. The tip-side part **21** fixedly contains a threaded member **32** meshed with a thread groove formed in the outer surface of the drive shaft. The drive shaft is axially moved while being meshed with the threaded member **32** so that  
10 the threaded member **32** rotates around the drive shaft. As a result, the tip-side part **21** rotates in the arm axis direction.